

FIG. 1

ADDRESS SPACE
OF CONTROL
DEVICE 2

MEMORY SPACE

LOGICAL SPACE

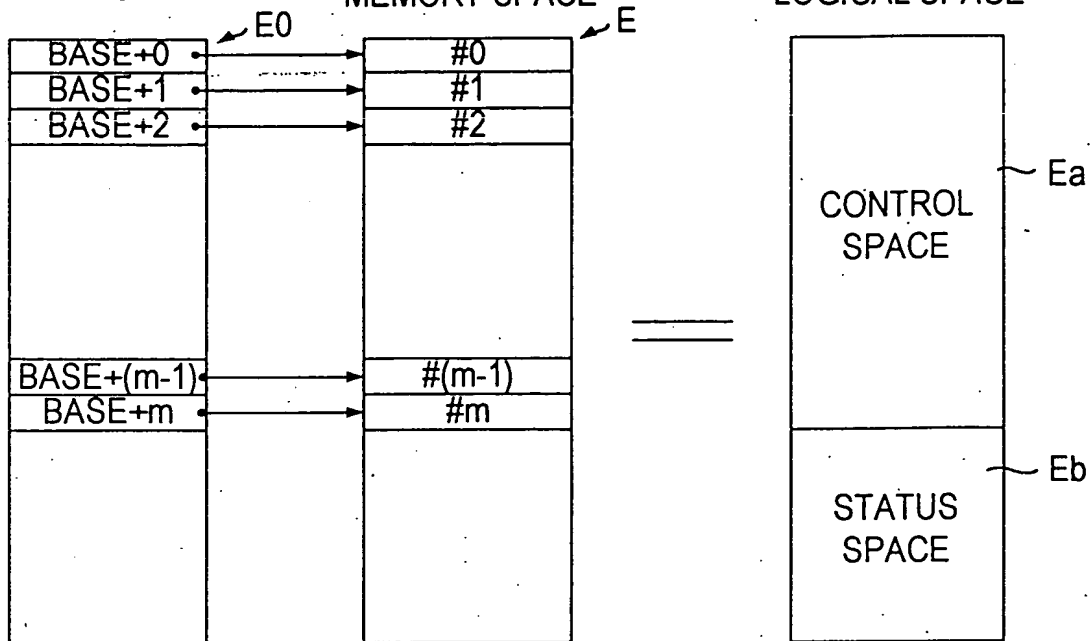


FIG. 2

LOGICAL SPACE

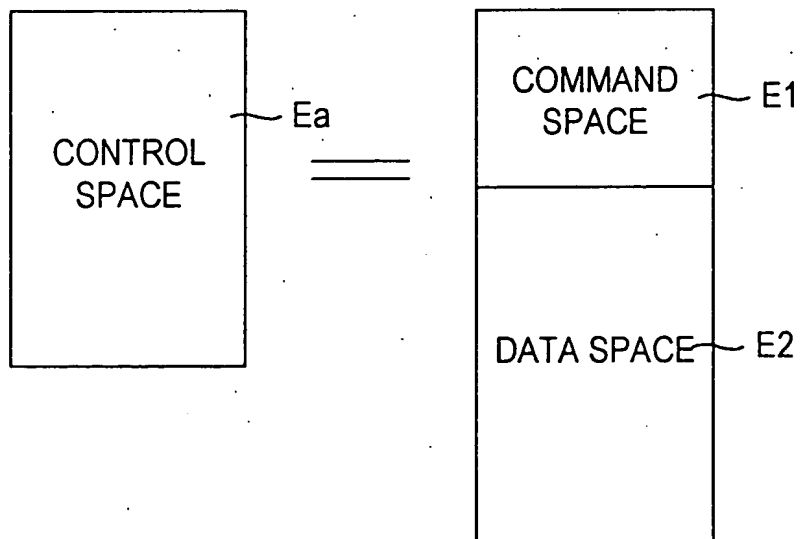


FIG. 3

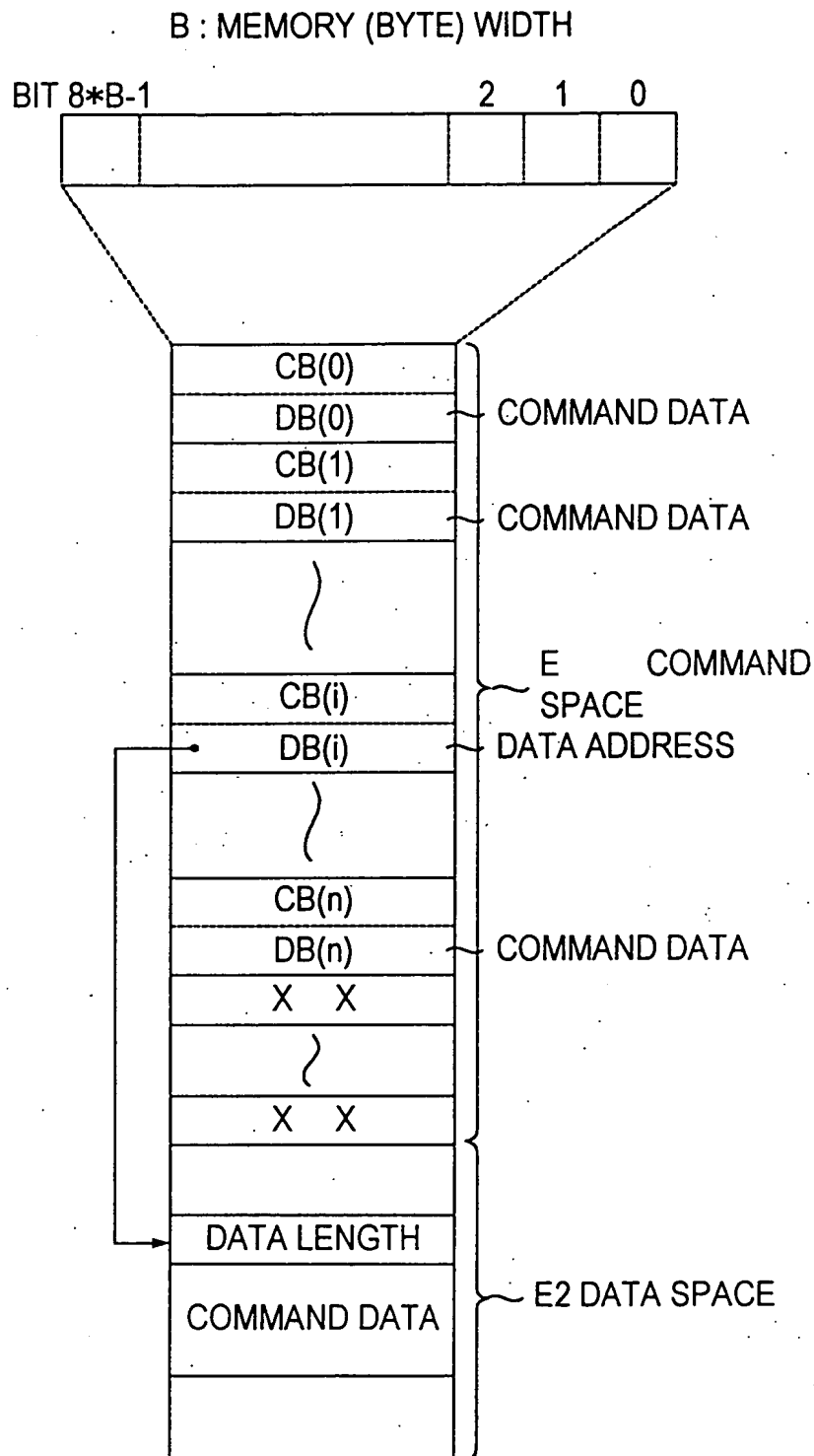


FIG. 4

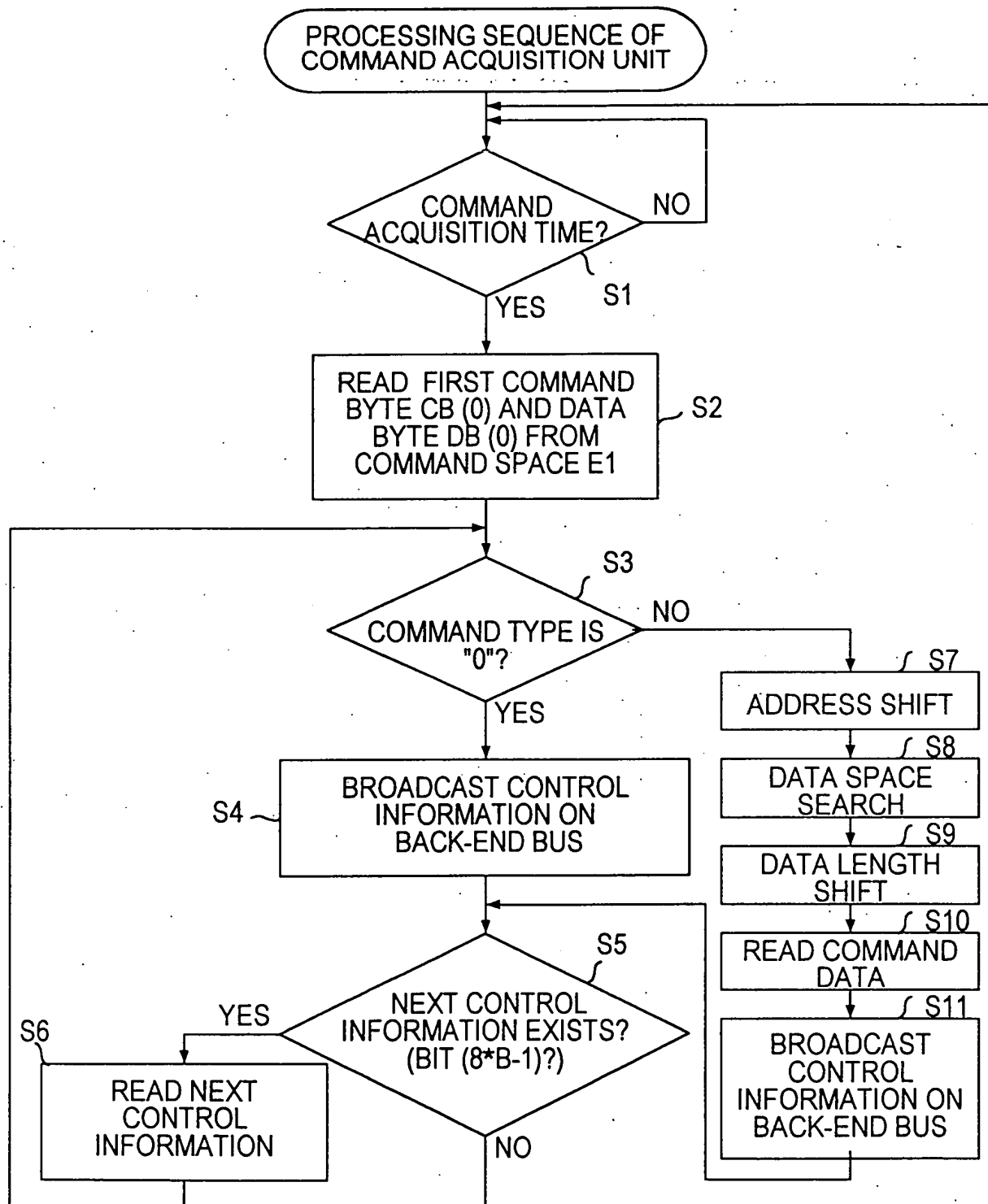


FIG. 5

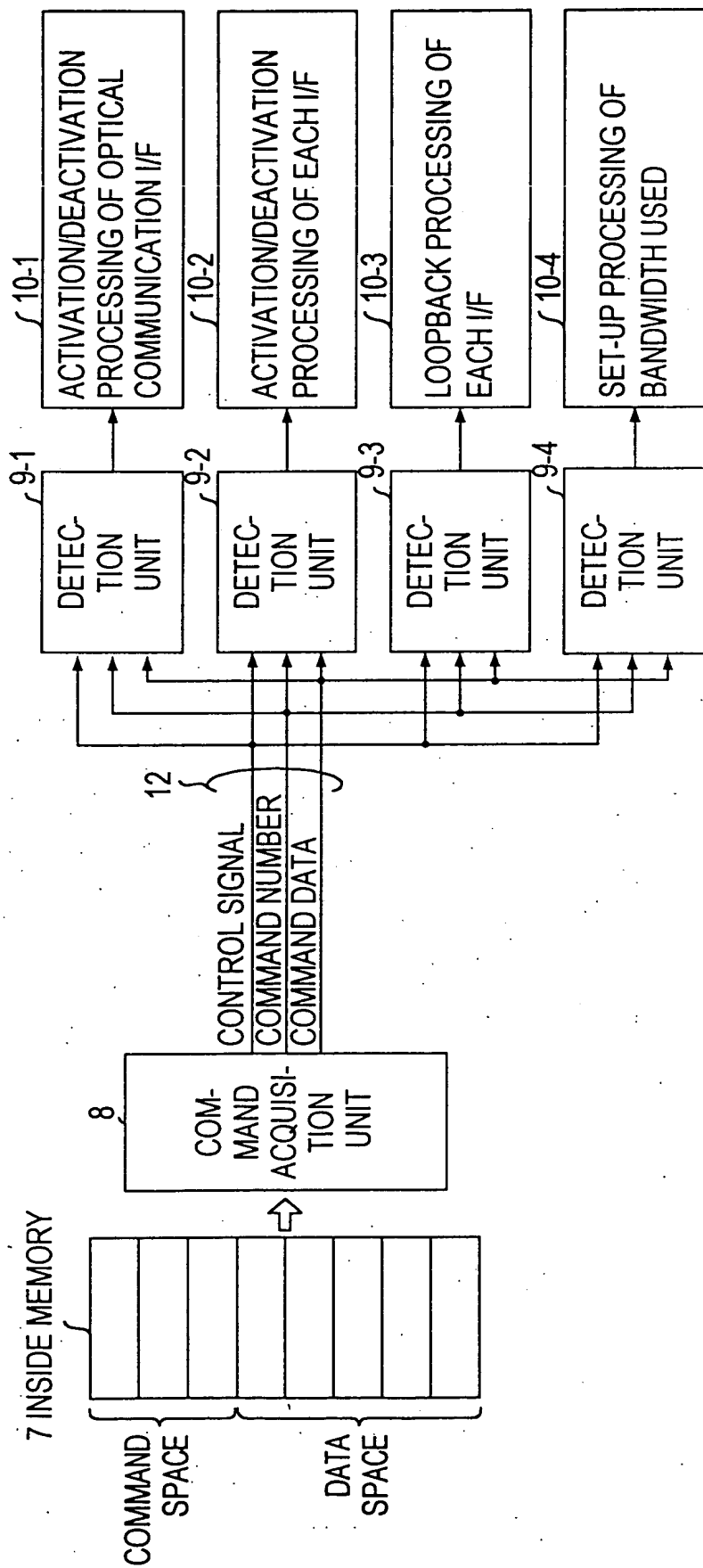


FIG. 6

COMMAND SPACE

BASE+0	1 00 00010	CB(0)	} DEACTIVATION OF VIDEO I/F.
BASE+1	100 0000 0	DB(0)	
BASE+2	0.00 00011	CB(1)	} LOOPBACK OF AUDIO I/F AND DATA I/F
BASE+3	011 0000 1	DB(1)	

FIG. 7(a)

COMMAND SPACE

BASE+0	1 00 00001	CB(0)	} DEACTIVATION OF OPTICAL COMMUNICATION I/F
BASE+1	0000000 0	DB(0)	
BASE+2	0 01 00100	CB(1)	} SET-UP OF BANDWIDTH TO BE USED
BASE+3	VIRTUAL ADDRESS (α)	DB(1)	

DATA SPACE

BASE+	0000 0011	DATA LENGTH = 3 BYTES AUDIO BANDWIDTH = 15% DATA BANDWIDTH = 50% VIDEO BANDWIDTH = 35%
BASE+1	0001 0101	
BASE+2	0101 0000	
BASE+3	0011 0101	

FIG. 7(b)

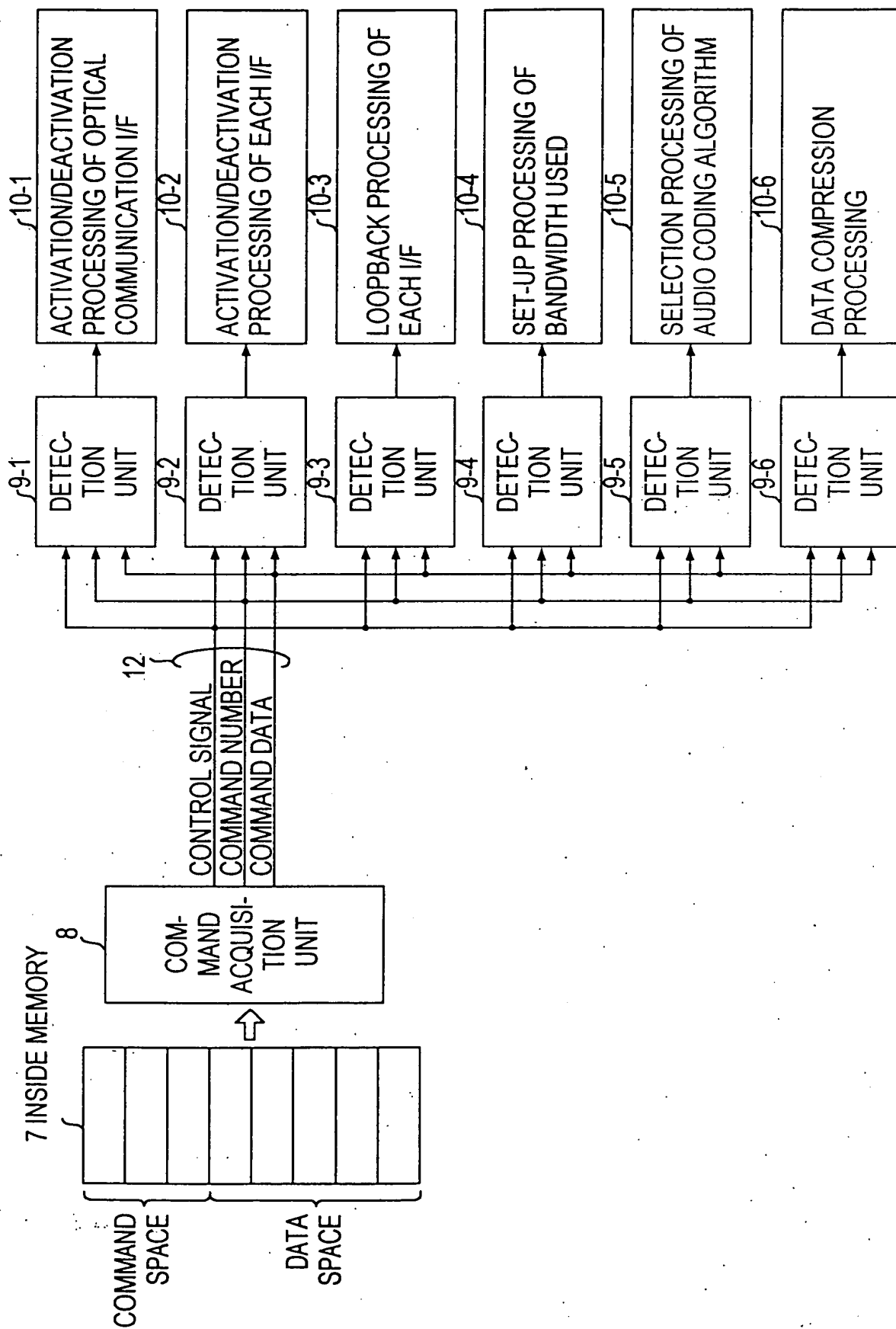


FIG. 8

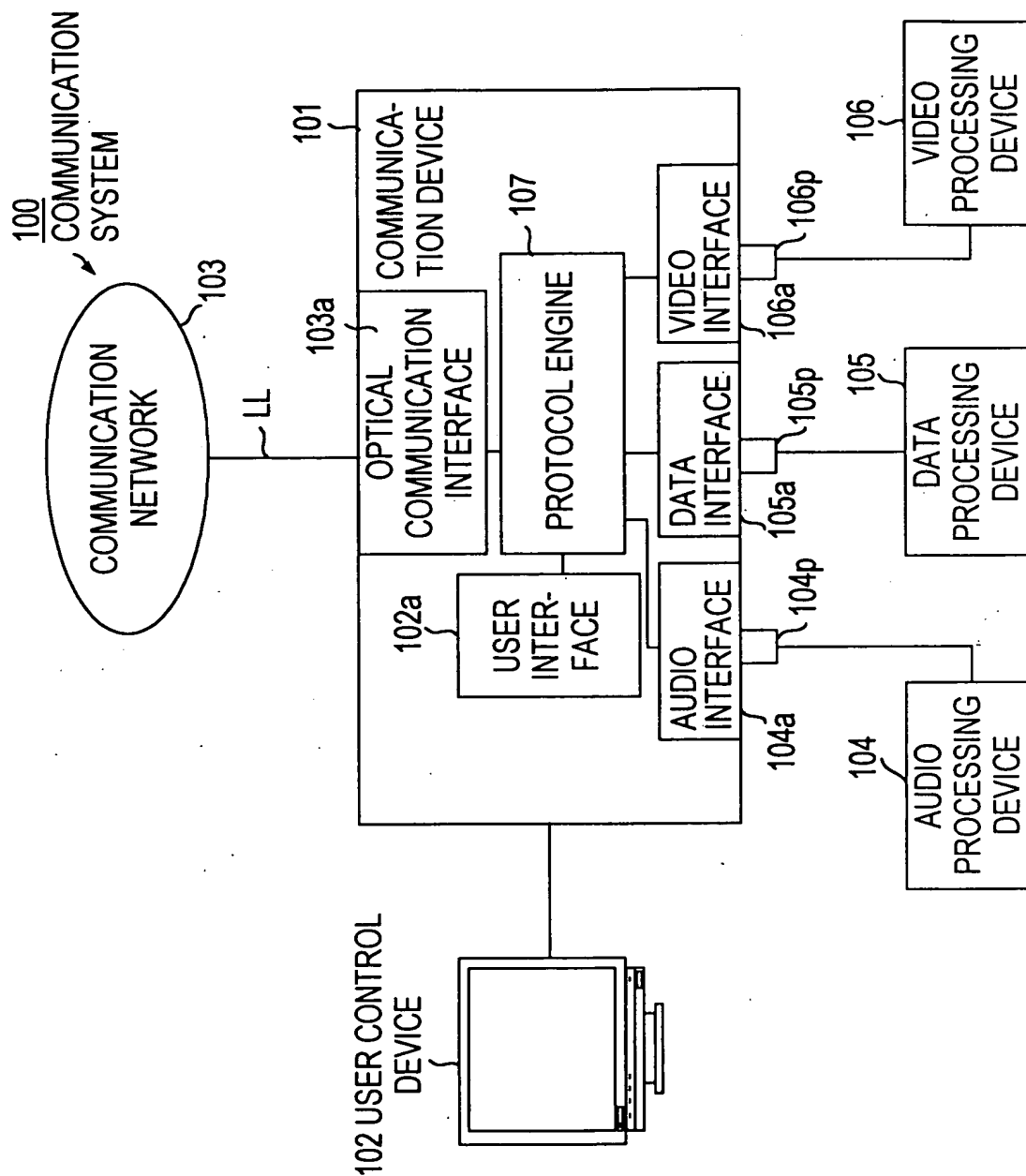


FIG. 9

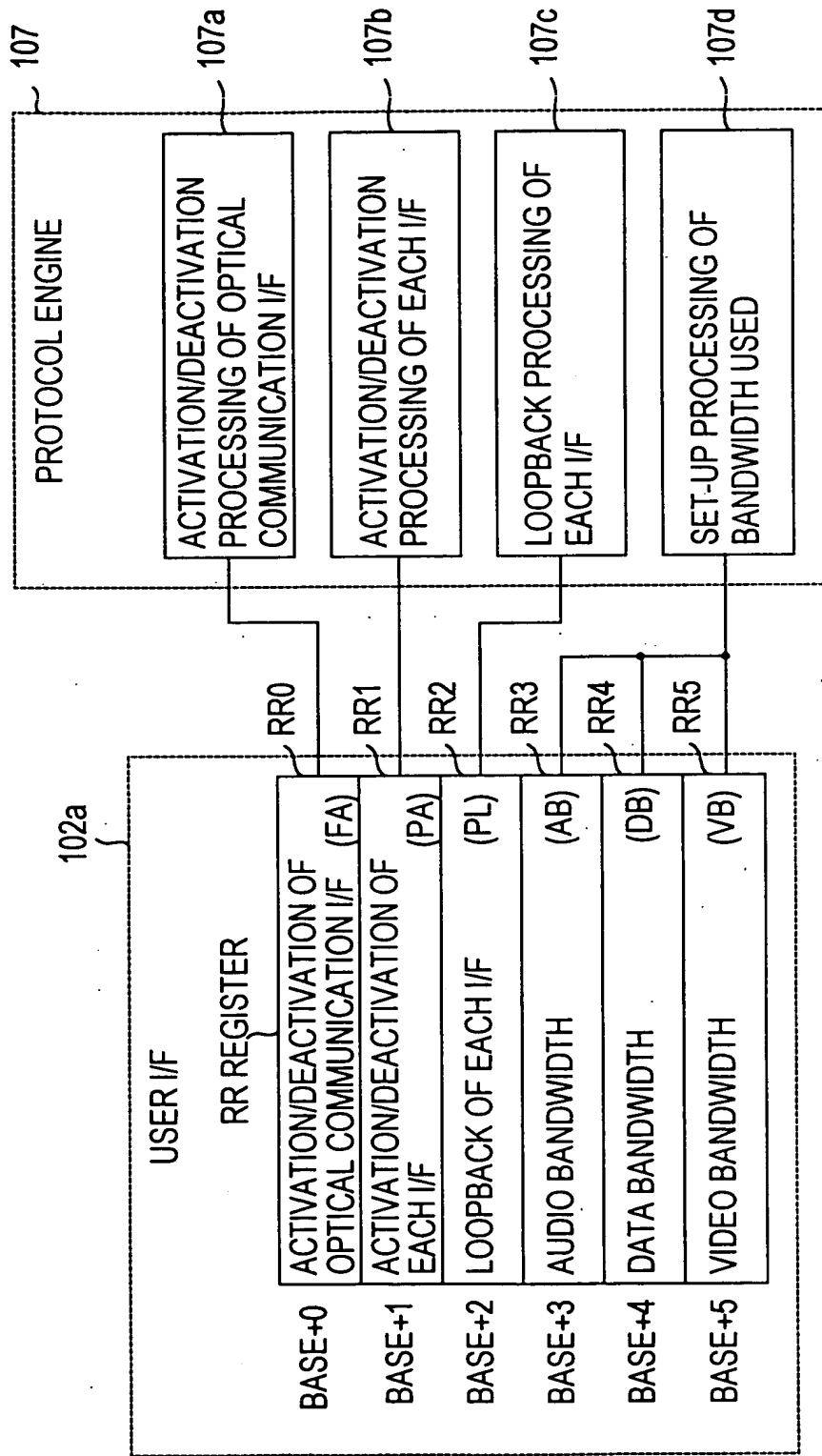


FIG. 10

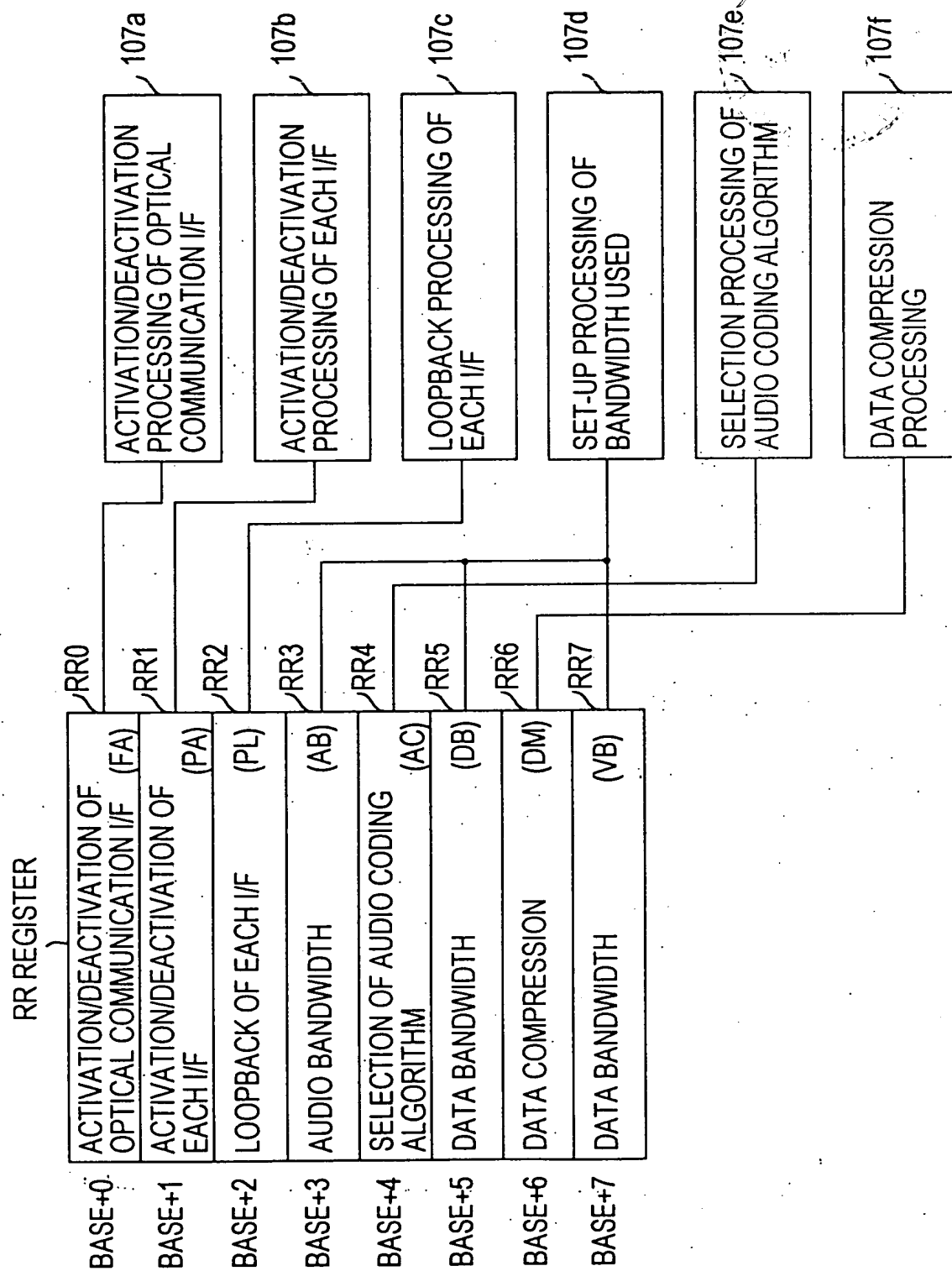


FIG. 11

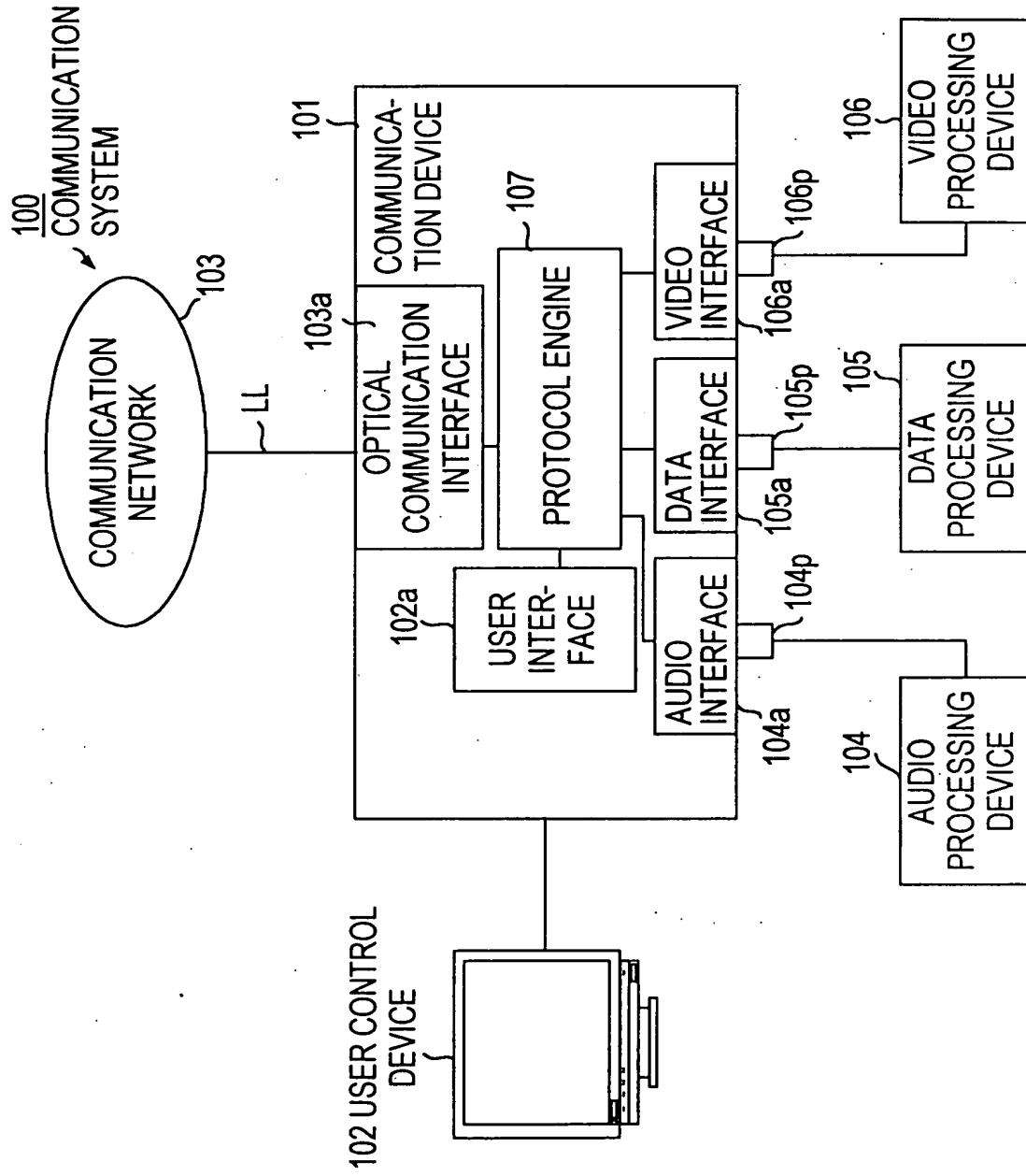


FIG. 9 (PRIOR ART)

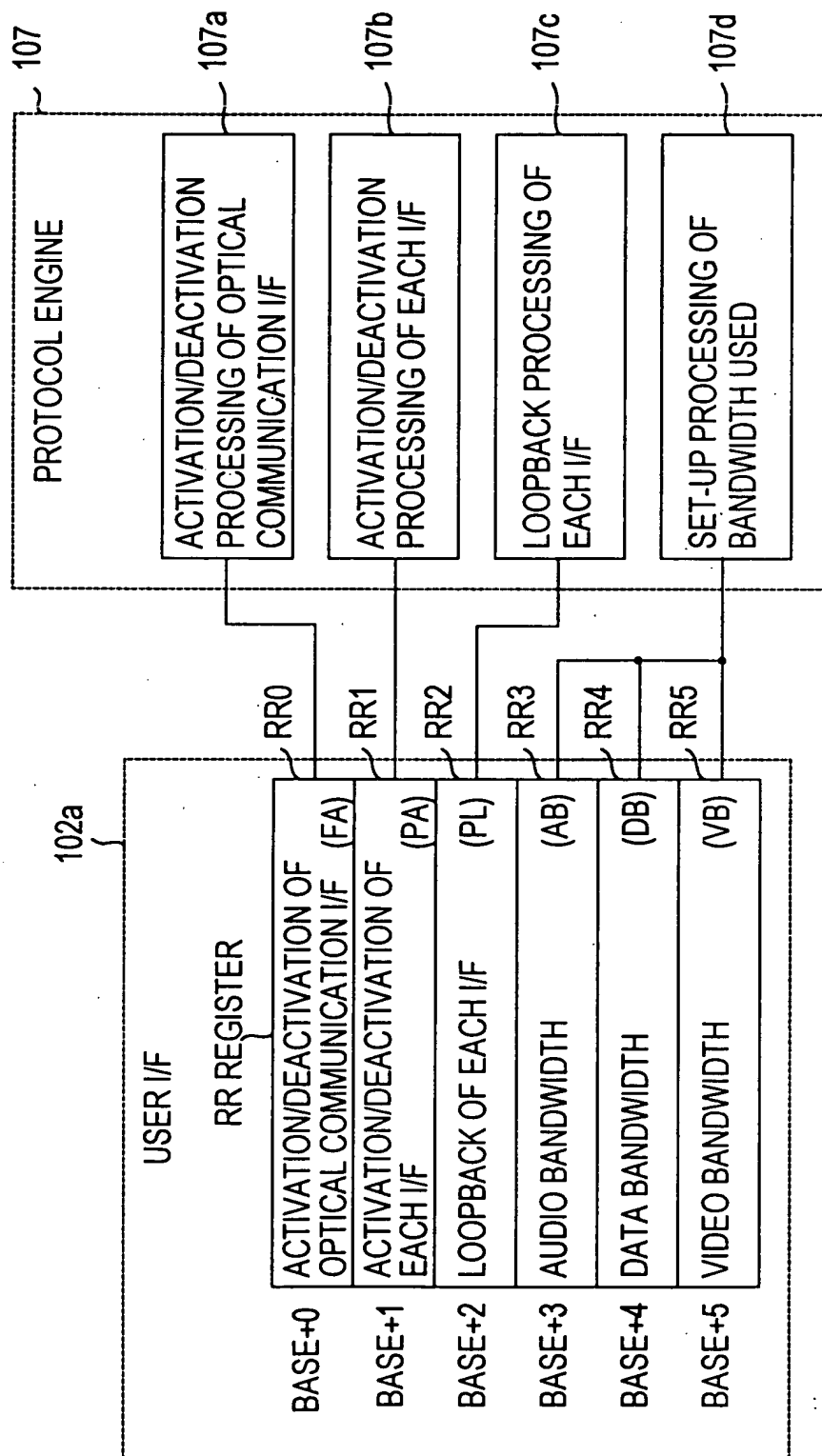


FIG. 10 (PRIOR ART)

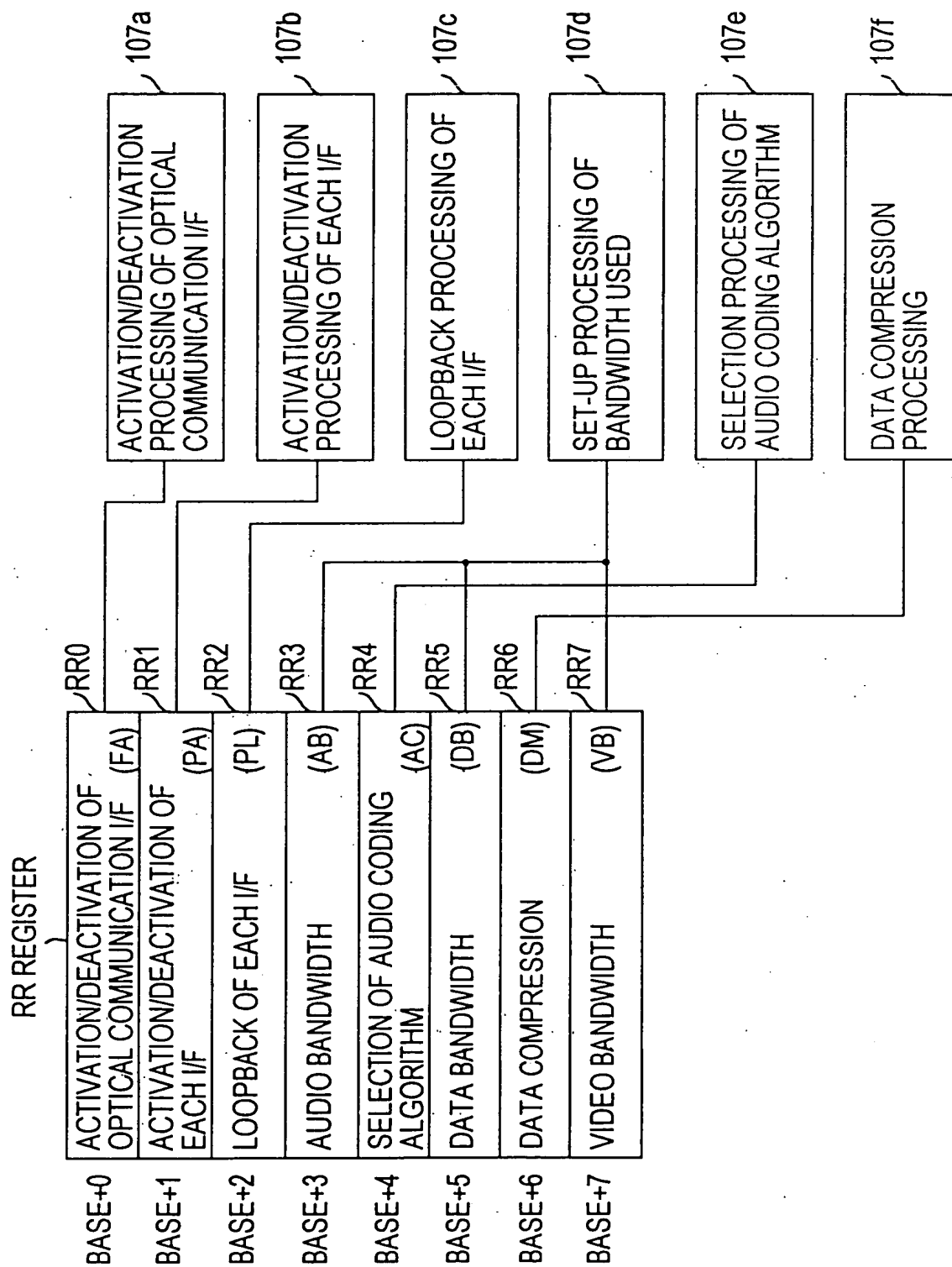


FIG. 11 (PRIOR ART)